

ABSTRACT

The present invention provides a food waste disposer having an upper food conveying section, a motor section, a central grinding section and an inlet portion. The upper food conveying section includes a housing to receive food waste. The motor section includes a motor to impart rotational movement to a motor shaft. The central grinding section is disposed between the food conveying section and the motor section, the food conveying section conveys food waste to the grinding section. The inlet portion has a water injection inlet capable of forming a water baffle in the inlet portion. The water baffle is present when the motor is running. The inlet portion may be integrally formed as part of the housing of the food conveying section or may be a separate unit. The water baffle may extend substantially across the inlet portion in a generally horizontal plane. The present invention further includes a method of reducing noise in a food waste disposer by creating a water baffle in an inlet portion of the food waste disposer.

15